

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference E30271 JFL/JOB	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/NO 2003/000234	International filing date (<i>day/month/year</i>) 4 July 2003	(Earliest) Priority Date (<i>day/month/year</i>) 5 July 2002
Applicant Tomra Systems ASA et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 2 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (see Box No. II)

3. ☐ Unity of invention is lacking (see Box No. III)

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 2

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2003/000234

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G07F 7/06, G07C 15/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G07F, G07C, G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INTERNET

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 9746985 A1 (LØVVIK, L), 11 December 1997 (11.12.1997), page 4, line 22 - page 5, line 31 --	1-23
X	US 6267670 B1 (WALKER, J S ET AL), 31 July 2001 (31.07.2001), column 2, line 57 - column 3, line 45 --	1-23
A	US 5085308 A (WILHELM, R), 4 February 1992 (04.02.1992), whole document -- -----	1-23

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

11 February 2004

Date of mailing of the international search report

18-02-2004

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Swedish Patent Office
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INTERNATIONAL SEARCH REPORT

Information on patent family members

24/12/2003

International application No.

PCT/NO 2003/000234

WO	9746985	A1	11/12/1997	EP	0919045	A	02/06/1999
				NO	962272	D	00/00/0000
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US	6267670	B1	31/07/2001	AU	6771498	A	20/10/1998
				BR	9815463	A	06/11/2001
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				US	6064987	A	16/05/2000
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INTERNATIONAL SEARCH REPORT

Information on patent family members

24/12/2003

International application No.

PCT/NO 2003/000234

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				DK	444788	A	11/02/1989
				EP	0303137	A,B	15/02/1989
				SE	0303137	T3	
				ES	2035190	T	16/04/1993
				FI	883701	A	11/02/1989
				GR	3006242	T	21/06/1993
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				KR	9404219	B	17/05/1994
				NO	883534	A	13/02/1989
				PT	88162	A,B	30/06/1989
				US	5346048	A	13/09/1994
				CH	676761	A	28/02/1991
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